| | | | | | | Occupational Separations, | | | | | Wo | :s | |
|--------------------|---|------------|--------------|--------------|----------------|---------------------------|---------------|----------------|--------------|--------------------------|--|-------------------|----------------------|
| | | E | mploymen | t Projection | ns | | 8-2028, annua | | Occupational | I | | Work Experience | Typical on-the -job |
| | | | yment | Change 20 | | | Occupational | Annual | Openings | Median | Typical Education | in a Related | training needed to |
| Occ_code | Occupational Title | 2018 | 2028 | Numeric | Percent | Exits | Transfers | Numeric Change | | Annual Wage ² | Needed for Entry | Occupation | attain competency |
| 00-0000 | TOTAL, ALL OCCUPATIONS | 812,820 | 885,414 | 72,594 | 8.93 | 31,146 | 55,135 | 7,259 | 93,540 | \$74,867 | | | |
| | TOTAL NON-STEM OCCUPATIONS | 672,509 | 729,133 | 56,624 | 8.42 | 28,020 | 47,248 | 5,665 | 80,933 | \$59,790 | | | |
| | TOTAL STEM OCCUPATIONS ³ | 140,311 | 156,281 | 15,970 | 11.4 | 3,126 | 7,887 | 1,594 | 12,607 | \$97,362 | | | |
| 11-3021 | Computer and Information Systems Managers | 4,807 | 5,224 | 417 | 8.67 | 86 | 305 | 42 | 433 | \$165,313 | Bachelor's degree | 5 years or more | None |
| 11-9041 | Architectural and Engineering Managers | 1,774 | 1,799 | 25 | 1.41 | 31 | 98 | 2 | 131 | \$151,061 | Bachelor's degree | 5 years or more | None |
| 11-9111 | Medical and Health Services Managers | 1,863 | 2,037 | 174 | 9.34 | 48 | 107 | 17 | 172 | \$131,856 | Bachelor's degree | Less than 5 years | None |
| 11-9121 | Natural Sciences Managers | 1,465 | 1,490 | 25 | 1.71 | 31 | 99 | 2 | 132 | \$136,671 | Bachelor's degree | 5 years or more | None |
| 15-1111 | Computer and Information Research Scientists | 531 | 602 | 71 | 13.37 | 8 | 35 | 7 | 50 | \$127,662 | Master's degree | None | None |
| 15-1121 | Computer Systems Analysts | 4,102 | 4,841 | 739 | 18.02 | 85 | 238 | 74 | 397 | \$108,535 | Bachelor's degree | None | None |
| 15-1122 | Information Security Analysts | 1,564 | 2,380 | 816 | 52.17 | 28 | 112 | 82 | 222 | \$121,598 | Bachelor's degree | Less than 5 years | None |
| 15-1131 | Computer Programmers | 1,236 | 1,258 | 22 | 1.78 | 20 | 68 | 2 | 90 | \$110,021 | Bachelor's degree | None | None |
| 15-1132 | Software Developers, Applications | 2,780 | 3,687 | 907 | 32.63 | 45 | 183 | 91 | 319 | \$117,650 | Bachelor's degree | None | None |
| 15-1133 | Software Developers, Systems Software | 2,650 | 3,331 | 681 | 25.70 | 42 | 169 | 68 | 279 | \$119,084 | Bachelor's degree | None | None |
| 15-1134 | Web Developers | 1,343 | 1,539 | 196 | 14.59 | 25 | 85 | 20 | 130 | \$89,736 | Associate's degree | None | None |
| 15-1141 | Database Administrators | 985 | 1,149 | 164 | 16.65 | 21 | 55 | 16 | 92 | \$95,145 | Bachelor's degree | None | None |
| 15-1142 | Network and Computer Systems Administrators | 1,988 | 2,297 | 309 | 15.54 | 36 | 114 | 31 | 181 | \$100,925 | Bachelor's degree | None | None |
| 15-1143 | Computer Network Architects | 992 | 1,184 | 192 | 19.35 | 14 | 61 | 19 | | \$127,837 | Bachelor's degree | 5 years or more | None |
| 15-1151 | Computer User Support Specialists | 4,343 | 5,133 | 790 | 18.19 | 87 | 301 | 79 | 467 | \$68,730 | Some college, no degree | None | None |
| 15-1152 | Computer Network Support Specialists | 508 | 602 | 94 | 18.50 | 10 | 35 | 9 | 54 | \$86,964 | Associate's degree | None | None |
| 15-1199 | Computer Occupations, All Other | 22,113 | 24,508 | 2,395 | 10.83 | 374 | 1,318 | 240 | 1,932 | \$120,885 | Bachelor's degree | None | None |
| 15-2011 | Actuaries | 209 | 214 | 5 | 2.39 | 2 | 10 | 0 | 12 | \$127,427 | Bachelor's degree | None | Long-term OJT |
| 15-2021 | Mathematicians | 74 | 89 | 15 | 20.27 | 2 | 5 | 2 | 9 | \$127,662 | Master's degree | None | None |
| 15-2031 | Operations Research Analysts | 1,012 | 1,234 | 222 | 21.94 | 26 | 47 | 22 | | | Bachelor's degree | None | None |
| 15-2041 | Statisticians | 1,580 | 1,999 | 419 | 26.52 | 33 | 105 | 42 | | \$107,825 | Master's degree | None | None |
| 17-1011 | Architects, Except Landscape and Naval | 2,162 | 2,449 | 287 | 13.27 | 55 | 122 | 29 | | \$96,256 | | None | Internship/residency |
| 17-1012 | Landscape Architects | 41 | 43 | 2 | 4.88 | 1 | 2 | 0 | 3 | | Bachelor's degree | None | Internship/residency |
| 17-1021 | Cartographers and Photogrammetrists | * | * | * | * | * | * | * | * | | Bachelor's degree | None | None |
| 17-1022 | Surveyors | 73 | 83 | 10 | 13.70 | 2 | 4 | 1 | . 7 | | Bachelor's degree | None | Internship/residency |
| 17-2011 | Aerospace Engineers | 409 | 419 | 10 | 2.44 | 9 | 18 | 1 | 28 | \$147,791 | Bachelor's degree | None | None |
| 17-2031 | Biomedical Engineers | 58 | 61 | 3 | 5.17 | 1 | 3 | 0 | | \$79,883 | | None | None |
| 17-2041 | Chemical Engineers | 110 | 112 | 2 | 1.82 | 2 | 5 | 0 | · | | Bachelor's degree | None | None |
| 17-2051 | Civil Engineers | 1,123 | 1,260 | 137 | 12.20 | 24 | 68 | 14 | | | Bachelor's degree | None | None |
| 17-2061 | Computer Hardware Engineers | 415 | 488 | 73 | 17.59 | 9 | 24 | 7 | 40 | | Bachelor's degree | None | None |
| 17-2071 | Electrical Engineers | 580 | 648 | 68 | 11.72 | 12 | 28 | 7 | 47 | \$117,990 | Bachelor's degree | None | None |
| 17-2072 | Electronics Engineers, Except Computer | 625 | 626 | 1 | 0.16 | 13 | 29 | 0 | | | Bachelor's degree | None | None |
| 17-2081 | Environmental Engineers | 370 | 386 | 16 | 4.32 | 10 | 18 | 2 | 30 | | Bachelor's degree | None | None |
| 17-2111 | Health and Safety Engineers, Except Mining Safety Engineers and | 235 | 264 | 29 | 12.34 | 5 | 12 | 3 | 20 | \$119,535 | Bachelor's degree | None | None |
| 17-2112 17-2121 | Industrial Engineers Marine Engineers and Naval Architects | 158 879 | 174 1,091 | 16 212 | 10.13 24.12 | 16 | 41 | 21 | 13 78 | \$83,379 | Bachelor's degree Bachelor's degree | None None | None None |
| | 3 | 109 | | 0 | | 2 | 41 | 0 | | | | | + |
| 17-2131 | Materials Engineers | 734 | 109 775 | | 0.00 | | 37 | 0 | | | Bachelor's degree | None | None |
| 17-2141 17-2151 | Mechanical Engineers | * | * | * | 5.59 * | * | * | * | * 55 | \$117,614 | Bachelor's degree Bachelor's degree | None None | None None |
| 17-2151 | Mining and Geological Engineers, Including Mining Safety Engine | 131 | 130 | 1 | -0.76 | 2 | 6 | 0 | . 8 | | Bachelor's degree | None | None |
| | Nuclear Engineers | 34 | 37 | -1 | 8.82 | | 2 | 0 | | | | | |
| 17-2171 17-2199 | Petroleum Engineers Engineers, All Other | 3,530 | 3,511 | -19 | -0.54 | 72 | 171 | -2 | | | Bachelor's degree Bachelor's degree | None None | None None |
| 17-2199 | Architectural and Civil Drafters | 791 | 839 | -19 48 | 6.07 | 27 | 57 | -2 | | | Associate's degree | None | None |
| 17-3011 | Electrical and Electronics Drafters | 176 | 193 | 48 17 | 9.66 | 6 | 13 | 2 | 21 | \$93,421 | Associate's degree | None | None |
| 17-3012 | Mechanical Drafters | 52 | 60 | 8 | 15.38 | 2 | 13 | 1 | | | Associate's degree | None | None |
| 17-3013 | Drafters, All Other | * | * | * | * | * | * | * | * | | Associate's degree | None | None |
| 17-3019 | Aerospace Engineering and Operations Technicians | * | * | * | * | * | * | * | * | \$59,893 | Associate's degree | None | None |
| 17-3021 | Civil Engineering Technicians | 186 | 191 | F | 2.69 | c | 12 | 0 | 18 | | Associate's degree | None | None |
| 17-3022 | Electrical and Electronics Engineering Technicians | 448 | 514 | 66 | 14.73 | 16 | 31 | 7 | 54 | | Associate's degree | None | None |
| 17-3023 | Lieutical and Lieutionius Engineering Technicians | 440 | 514 | 00 | 14./3 | 10 | 31 | / | 54 | ٥٥٢,440 | nasociate s degree | INOTIE | INOTIC |

| | | | | | | Occupational Separations, | | | | | Worker Characteristics | | | |
|----------|---|-------|----------|-------------|----------|---------------------------|---------------|----------------|--------------|--------------------------|-----------------------------|-----------------|----------------------|--|
| | | E | mploymen | t Projectio | ns | | 8-2028, annua | | Occupational | İ | | Work Experience | Typical on-the -job | |
| | | Emplo | yment | Change 2 | 018-2028 | | Occupational | Annual | Openings | Median | Typical Education | in a Related | training needed to | |
| Occ_code | Occupational Title | 2018 | 2028 | Numeric | Percent | Exits | Transfers | Numeric Change | 2018-2028 | Annual Wage ² | Needed for Entry | Occupation | attain competency | |
| 17-3024 | Electro-Mechanical Technicians | * | * | * | * | * | * | * | * | \$99,286 | Associate's degree | None | None | |
| 17-3025 | Environmental Engineering Technicians | * | * | * | * | * | * | * | * | \$77,147 | Associate's degree | None | None | |
| 17-3026 | Industrial Engineering Technicians | * | * | * | * | * | * | * | * | \$90,369 | Associate's degree | None | None | |
| 17-3027 | Mechanical Engineering Technicians | 51 | 58 | 7 | 13.73 | 2 | 4 | 1 | 7 | \$51,780 | Associate's degree | None | None | |
| 17-3029 | Engineering Technicians, Except Drafters, All Other | 399 | 399 | 0 | 0.00 | 13 | 26 | 0 | 39 | \$96,174 | Associate's degree | None | None | |
| 17-3031 | Surveying and Mapping Technicians | * | * | * | * | * | * | * | * | \$61,894 | HS diploma or Equivalent | None | Moderate-term OJT | |
| 19-1011 | Animal Scientists | * | * | * | * | * | * | * | * | \$127,428 | Bachelor's degree | None | None | |
| 19-1012 | Food Scientists and Technologists | 61 | 64 | 3 | 4.92 | 1 | 6 | 0 | 7 | \$98,022 | Bachelor's degree | None | None | |
| 19-1013 | Soil and Plant Scientists | 75 | 76 | 1 | 1.33 | 2 | 7 | 0 | 9 | \$82,541 | Bachelor's degree | None | None | |
| 19-1021 | Biochemists and Biophysicists | * | * | * | * | * | * | * | * | \$112,150 | Doctoral or professional of | None | None | |
| 19-1022 | Microbiologists | 63 | 63 | 0 | 0.00 | 1 | 5 | 0 | 6 | \$98,016 | Bachelor's degree | None | None | |
| 19-1023 | Zoologists and Wildlife Biologists | 105 | 105 | 0 | 0.00 | 2 | 8 | 0 | 10 | \$104,570 | Bachelor's degree | None | None | |
| 19-1029 | Biological Scientists, All Other | 614 | 636 | 22 | 3.58 | 10 | 48 | 2 | 60 | \$85,180 | Bachelor's degree | None | None | |
| 19-1031 | Conservation Scientists | 344 | 374 | 30 | 8.72 | 7 | 30 | 3 | 40 | \$69,457 | Bachelor's degree | None | None | |
| 19-1032 | Foresters | 35 | 35 | 0 | 0.00 | 1 | 3 | 0 | 4 | \$85,051 | Bachelor's degree | None | None | |
| 19-1041 | Epidemiologists | 38 | 39 | 1 | 2.63 | 0 | 3 | 0 | 3 | \$100,811 | Master's degree | None | None | |
| 19-1042 | Medical Scientists, Except Epidemiologists | 622 | 674 | 52 | 8.36 | 9 | 49 | 5 | 63 | \$91,345 | Doctoral or professional of | None | None | |
| 19-1099 | Life Scientists, All Other | * | * | * | * | * | * | * | * | \$107,206 | Bachelor's degree | None | None | |
| 19-2011 | Astronomers | 89 | 89 | 0 | 0.00 | 2 | 6 | 0 | 8 | \$124,166 | Doctoral or professional of | None | None | |
| 19-2012 | Physicists | 796 | 865 | 69 | 8.67 | 15 | 52 | 7 | 74 | \$150,248 | Doctoral or professional of | None | None | |
| 19-2021 | Atmospheric and Space Scientists | 34 | 36 | 2 | 5.88 | 1 | 3 | 0 | 4 | \$134,246 | Bachelor's degree | None | None | |
| 19-2031 | Chemists | 333 | 334 | 1 | 0.30 | 5 | 25 | 0 | 30 | \$127,419 | Bachelor's degree | None | None | |
| 19-2032 | Materials Scientists | * | * | * | * | * | * | * | * | \$133,257 | Bachelor's degree | None | None | |
| 19-2041 | Environmental Scientists and Specialists, Including Health | 1,920 | 2,020 | 100 | 5.21 | 36 | 176 | 10 | 222 | \$120,881 | Bachelor's degree | None | None | |
| 19-2042 | Geoscientists, Except Hydrologists and Geographers | 61 | 60 | -1 | -1.64 | 1 | 5 | 0 | 6 | \$127,426 | Bachelor's degree | None | None | |
| 19-2043 | Hydrologists | 54 | 51 | -3 | -5.56 | 1 | 5 | 0 | 6 | \$98,402 | Bachelor's degree | None | None | |
| 19-2099 | Physical Scientists, All Other | 955 | 962 | 7 | 0.73 | 13 | 70 | 1 | 84 | \$138,991 | Bachelor's degree | None | None | |
| 19-3011 | Economists | 8,904 | 9,843 | 939 | 10.55 | 133 | 554 | 94 | 781 | \$124,149 | Master's degree | None | None | |
| 19-3022 | Survey Researchers | 173 | 169 | -4 | -2.31 | 5 | 14 | 0 | 19 | \$61,638 | Master's degree | None | None | |
| 19-3031 | Clinical, Counseling, and School Psychologists | 810 | 934 | 124 | 15.31 | 20 | 42 | 12 | 74 | \$87,724 | Doctoral or professional of | None | Internship/residency | |
| 19-3032 | Industrial-Organizational Psychologists | * | * | * | * | * | * | * | * | \$99,114 | Master's degree | None | Internship/residency | |
| 19-3039 | Psychologists, All Other | 254 | 284 | 30 | 11.81 | 6 | 13 | 3 | 22 | \$98,025 | Master's degree | None | Internship/residency | |
| 19-3041 | Sociologists | 74 | 84 | 10 | 13.51 | 2 | 7 | 1 | 10 | \$96,831 | Master's degree | None | None | |
| 19-3051 | Urban and Regional Planners | 276 | 315 | 39 | 14.13 | 5 | 23 | 4 | 32 | \$112,006 | Master's degree | None | None | |
| 19-3091 | Anthropologists and Archeologists | 62 | 62 | 0 | 0.00 | 2 | 5 | 0 | 7 | \$101,296 | Master's degree | None | None | |
| 19-3092 | Geographers | 30 | 30 | 0 | 0.00 | 1 | 2 | 0 | 3 | \$104,575 | Bachelor's degree | None | None | |
| 19-3094 | Political Scientists | 4,471 | 4,578 | 107 | 2.39 | 141 | 377 | 11 | 529 | \$124,906 | Master's degree | None | None | |
| 19-3099 | Social Scientists and Related Workers, All Other | 3,336 | 3,347 | 11 | 0.33 | 104 | 279 | 1 | 384 | \$101,285 | Bachelor's degree | None | None | |
| 19-4021 | Biological Technicians | 363 | 392 | 29 | 7.99 | 6 | 34 | 3 | 43 | \$53,064 | Bachelor's degree | None | None | |
| 19-4031 | Chemical Technicians | 41 | 46 | 5 | 12.20 | 1 | 4 | 0 | 5 | \$50,554 | Associate's degree | None | Moderate-term OJT | |
| 19-4061 | Social Science Research Assistants | 3,361 | 3,881 | 520 | 15.47 | 99 | 330 | 52 | 481 | \$55,724 | Bachelor's degree | None | None | |
| 19-4091 | Environmental Science and Protection Technicians, Including Hea | 151 | 164 | 13 | 8.61 | 4 | 14 | 1 | 19 | \$62,769 | Associate's degree | None | None | |
| 19-4092 | Forensic Science Technicians | 199 | 216 | 17 | 8.54 | 6 | 19 | 2 | 27 | \$79,838 | Bachelor's degree | None | Moderate-term OJT | |
| 19-4093 | Forest and Conservation Technicians | * | * | * | * | * | * | * | * | \$71,514 | Associate's degree | None | None | |
| 19-4099 | Life, Physical, and Social Science Technicians, All Other | 342 | 355 | 13 | 3.80 | 10 | 32 | 1 | 43 | | Associate's degree | None | None | |
| 25-1021 | Computer Science Teachers, Postsecondary | 200 | 218 | 18 | 9.00 | 8 | 10 | 2 | | \$109,282 | Doctoral or professional of | None | None | |
| 25-1022 | Mathematical Science Teachers, Postsecondary | 215 | 234 | 19 | 8.84 | 8 | 10 | 2 | 20 | \$87,866 | Doctoral or professional of | None | None | |
| 25-1031 | Architecture Teachers, Postsecondary | 43 | 47 | 4 | 9.30 | 2 | 2 | 0 | 4 | \$112,129 | Doctoral or professional of | None | None | |
| 25-1032 | Engineering Teachers, Postsecondary | 140 | 158 | 18 | 12.86 | 6 | 7 | 2 | 15 | \$137,064 | Doctoral or professional of | None | None | |
| 25-1041 | Agricultural Sciences Teachers, Postsecondary | * | * | * | * | * | * | * | * | \$124,558 | Doctoral or professional of | None | None | |
| 25-1042 | Biological Science Teachers, Postsecondary | 378 | 433 | 55 | 14.55 | 15 | 19 | 6 | 40 | | Doctoral or professional of | None | None | |
| 25-1052 | Chemistry Teachers, Postsecondary | 100 | 110 | 10 | 10.00 | 4 | 5 | 1 | 10 | \$72,844 | Doctoral or professional of | None | None | |

| | | | | | | Occupational Separations, | | | | | Worker Characteristics | | |
|----------|--|--------|----------|-------------|----------|---------------------------|---------------------------|----------------|--------------|--------------------------|--------------------------|-------------------|----------------------|
| | | Е | mploymen | t Projectio | ns | 201 | 2018-2028, annual average | | Occupational | • | Work Experience | | Typical on-the -job |
| | | Emplo | yment | Change 2 | 018-2028 | | Occupational | Annual | Openings | Median | Typical Education | in a Related | training needed to |
| Occ_code | Occupational Title | 2018 | 2028 | Numeric | Percent | Exits | Transfers | Numeric Change | 2018-2028 | Annual Wage ² | Needed for Entry | Occupation | attain competency |
| 25-1053 | Environmental Science Teachers, Postsecondary | 36 | 39 | 3 | 8.33 | 1 | 2 | 0 | 3 | \$80,863 | Doctoral or professional | None | None |
| 25-1054 | Physics Teachers, Postsecondary | 80 | 87 | 7 | 8.75 | 3 | 4 | 1 | 8 | \$99,588 | Doctoral or professional | None | None |
| 25-1061 | Anthropology and Archeology Teachers, Postsecondary | 46 | 50 | 4 | 8.70 | 2 | 2 | 0 | 4 | \$91,564 | Doctoral or professional | None | None |
| 25-1062 | Area, Ethnic, and Cultural Studies Teachers, Postsecondary | 446 | 487 | 41 | 9.19 | 17 | 21 | 4 | 42 | \$91,215 | Doctoral or professional | None | None |
| 25-1063 | Economics Teachers, Postsecondary | 222 | 243 | 21 | 9.46 | 9 | 11 | 2 | 22 | \$104,137 | Doctoral or professional | None | None |
| 25-1064 | Geography Teachers, Postsecondary | * | * | * | * | * | * | * | * | \$140,842 | Doctoral or professional | None | None |
| 25-1065 | Political Science Teachers, Postsecondary | 1,129 | 1,234 | 105 | 9.30 | 44 | 54 | 10 | 108 | \$107,391 | Doctoral or professional | None | None |
| 25-1066 | Psychology Teachers, Postsecondary | 140 | 162 | 22 | 15.71 | 6 | 7 | 2 | 15 | \$102,422 | Doctoral or professional | None | None |
| 25-1067 | Sociology Teachers, Postsecondary | 136 | 149 | 13 | 9.56 | 5 | 6 | 1 | 12 | \$119,971 | Doctoral or professional | None | None |
| 25-1069 | Social Sciences Teachers, Postsecondary, All Other | 40 | 43 | 3 | 7.50 | 2 | 2 | 0 | 4 | \$70,341 | Doctoral or professional | None | None |
| 25-1071 | Health Specialties Teachers, Postsecondary | 952 | 1,194 | 242 | 25.42 | 40 | 49 | 24 | 113 | \$93,525 | Doctoral or professional | Less than 5 years | None |
| 25-1072 | Nursing Instructors and Teachers, Postsecondary | 544 | 686 | 142 | 26.10 | 23 | 28 | 14 | 65 | \$140,300 | Doctoral or professional | Less than 5 years | None |
| 29-1011 | Chiropractors | * | * | * | * | * | * | * | * | \$76,949 | Doctoral or professional | None | None |
| 29-1021 | Dentists, General | 394 | 432 | 38 | 9.64 | 9 | 4 | 4 | 17 | \$175,376 | Doctoral or professional | None | None |
| 29-1022 | Oral and Maxillofacial Surgeons | * | * | * | * | * | * | * | * | N/A | Doctoral or professional | None | Internship/residency |
| 29-1029 | Dentists, All Other Specialists | 41 | 40 | -1 | -2.44 | 1 | 0 | 0 | 1 | \$183,737 | Doctoral or professional | None | Internship/residency |
| 29-1031 | Dietitians and Nutritionists | 458 | 515 | 57 | 12.45 | 16 | 15 | 6 | 37 | \$68,703 | Bachelor's degree | None | Internship/residency |
| 29-1041 | Optometrists | 116 | 142 | 26 | 22.41 | 2 | 1 | 3 | 6 | \$81,319 | Doctoral or professional | None | None |
| 29-1051 | Pharmacists | 963 | 996 | 33 | 3.43 | 23 | 21 | 3 | 47 | \$130,179 | Doctoral or professional | None | None |
| 29-1061 | Anesthesiologists | 226 | 227 | 1 | 0.44 | 4 | 3 | 0 | 7 | N/A | Doctoral or professional | None | Internship/residency |
| 29-1062 | Family and General Practitioners | 382 | 409 | 27 | 7.07 | 6 | 5 | 3 | 14 | \$163,106 | Doctoral or professional | None | Internship/residency |
| 29-1063 | Internists, General | 1,328 | 1,414 | 86 | 6.48 | 22 | 18 | 9 | 49 | \$87,791 | Doctoral or professional | None | Internship/residency |
| 29-1064 | Obstetricians and Gynecologists | 187 | 191 | 4 | 2.14 | 3 | 2 | 0 | 5 | N/A | Doctoral or professional | None | Internship/residency |
| 29-1065 | Pediatricians, General | 321 | 335 | 14 | 4.36 | 5 | 4 | 1 | 10 | \$116,147 | Doctoral or professional | None | Internship/residency |
| 29-1066 | Psychiatrists | 227 | 246 | 19 | 8.37 | 4 | 3 | 2 | 9 | , | Doctoral or professional | None | Internship/residency |
| 29-1067 | Surgeons | 322 | 328 | 6 | 1.86 | 5 | 4 | 1 | | N/A | Doctoral or professional | None | Internship/residency |
| 29-1069 | Physicians and Surgeons, All Other | 2,394 | 2,525 | 131 | 5.47 | 40 | 32 | 13 | 85 | \$202,056 | Doctoral or professional | None | Internship/residency |
| 29-1071 | Physician Assistants | 627 | 799 | 172 | 27.43 | 11 | 30 | 17 | | \$119,863 | Master's degree | None | None |
| 29-1081 | Podiatrists | 42 | 45 | 3 | 7.14 | 1 | 1 | 0 | 2 | \$116,199 | Doctoral or professional | None | Internship/residency |
| 29-1122 | Occupational Therapists | 375 | 436 | 61 | 16.27 | 9 | 14 | 6 | | \$94,604 | Master's degree | None | None |
| 29-1123 | Physical Therapists | 646 | 745 | 99 | 15.33 | 13 | 16 | 10 | 39 | \$87,996 | Doctoral or professional | None | None |
| 29-1124 | Radiation Therapists | 128 | 134 | 6 | 4.69 | 2 | 4 | 1 | . 7 | \$80,133 | Associate's degree | None | None |
| 29-1125 | Recreational Therapists | 138 | 146 | 8 | 5.80 | 3 | 4 | 1 | 8 | \$65,649 | Bachelor's degree | None | None |
| 29-1126 | Respiratory Therapists | 375 | 438 | 63 | 16.80 | 11 | 10 | 6 | | \$74,255 | Associate's degree | None | None |
| 29-1127 | Speech-Language Pathologists | 300 | 376 | 76 | 25.33 | 7 | 11 | 8 | 26 | | Master's degree | None | Internship/residency |
| 29-1128 | Exercise Physiologists | * | * | * | * | * | * | * | * | | Bachelor's degree | None | None |
| 29-1129 | Therapists, All Other | * | * | * | * | * | * | * | * | | Bachelor's degree | None | None |
| 29-1131 | Veterinarians | 142 | 159 | 17 | 11.97 | 3 | 3 | 2 | 8 | | Doctoral or professional | None | None |
| 29-1141 | Registered Nurses | 11,984 | 13,037 | 1,053 | 8.79 | 347 | 321 | 105 | 773 | | Bachelor's degree | None | None |
| 29-1151 | Nurse Anesthetists | 115 | 125 | 10 | 8.70 | 2 | 4 | 1 | 7 | | Master's degree | None | None |
| 29-1161 | Nurse Midwives | 42 | 46 | 4 | 9.52 | 1 | 2 | 0 | , | | Master's degree | None | None |
| 29-1171 | Nurse Practitioners | 870 | 1,083 | 213 | 24.48 | 19 | 33 | 21 | 73 | \$114,239 | Master's degree | None | None |
| 29-1181 | Audiologists | 123 | 137 | 14 | 11.38 | 2 | 3 | 1 | 6 | \$103,833 | Doctoral or professional | None | None |
| 29-1199 | Health Diagnosing and Treating Practitioners, All Other | 654 | 668 | 14 | 2.14 | 19 | 12 | 1 | 32 | | Master's degree | None | None |
| 29-2021 | Dental Hygienists | 535 | 598 | 63 | 11.78 | 24 | 14 | 6 | | | Associate's degree | None | None |
| 29-2031 | Cardiovascular Technologists and Technicians | 159 | 165 | 6 | 3.77 | 4 | 5 | 1 | | | Associate's degree | None | None |
| 29-2032 | Diagnostic Medical Sonographers | 189 | 222 | 33 | 17.46 | 5 | 6 | 3 | 14 | \$93,522 | Associate's degree | None | None |
| 29-2033 | Nuclear Medicine Technologists | 47 | 48 | 1 | 2.13 | 1 | 1 | 0 | _ | | Associate's degree | None | None |
| 29-2034 | Radiologic Technologists | 484 | 510 | 26 | 5.37 | 12 | 15 | 3 | | | Associate's degree | None | None |
| 29-2035 | Magnetic Resonance Imaging Technologists | 99 | 104 | 5 | 5.05 | 2 | 3 | 0 | | \$93,243 | | Less than 5 years | None |
| 29-2041 | Emergency Medical Technicians and Paramedics | 1,668 | 1,776 | 108 | 6.47 | 31 | 84 | 11 | | | Postsecondary non-degre | None | None |
| 29-2051 | Dietetic Technicians | 117 | 126 | 9 | 7.69 | 4 | 6 | 1 | 11 | \$28,832 | Associate's degree | None | None |

| | | | | | | Occupational Separations, | | | | | Wo | rker Characteristic | 5 |
|----------|---|-------|------------------------|----------|----------|---------------------------|---------------|----------------|--------------|--------------------------|--------------------------|---------------------|----------------------|
| | | Ei | Employment Projections | | | 201 | 8-2028, annua | l average | Occupational | | | Work Experience | Typical on-the -job |
| | | Emplo | yment | Change 2 | 018-2028 | Labor Force | Occupational | Annual | Openings | Median | Typical Education | in a Related | training needed to |
| Occ_code | Occupational Title | 2018 | 2028 | Numeric | Percent | Exits | Transfers | Numeric Change | 2018-2028 | Annual Wage ² | Needed for Entry | Occupation | attain competency |
| 29-2052 | Pharmacy Technicians | 959 | 1,086 | 127 | 13.24 | 30 | 53 | 13 | 96 | \$41,485 | HS diploma or Equivalent | None | Moderate-term OJT |
| 29-2053 | Psychiatric Technicians | 516 | 554 | 38 | 7.36 | 16 | 28 | 4 | 48 | \$54,902 | Postsecondary non-degre | Less than 5 years | Short-term OJT |
| 29-2054 | Respiratory Therapy Technicians | 101 | 43 | -58 | -57.43 | 2 | 4 | -6 | 0 | \$76,945 | Associate's degree | None | None |
| 29-2055 | Surgical Technologists | 258 | 267 | 9 | 3.49 | 8 | 14 | 1 | 23 | \$61,216 | Postsecondary non-degre | None | None |
| 29-2056 | Veterinary Technologists and Technicians | 200 | 227 | 27 | 13.50 | 6 | 11 | 3 | 20 | \$37,113 | Associate's degree | None | None |
| 29-2057 | Ophthalmic Medical Technicians | 64 | 72 | 8 | 12.50 | 2 | 4 | 1 | 7 | \$48,364 | Postsecondary non-degre | None | None |
| 29-2061 | Licensed Practical and Licensed Vocational Nurses | 1,751 | 1,957 | 206 | 11.76 | 63 | 78 | 21 | 162 | \$54,845 | Postsecondary non-degre | None | None |
| 29-2071 | Medical Records and Health Information Technicians | 507 | 553 | 46 | 9.07 | 16 | 18 | 5 | 39 | \$51,422 | Postsecondary non-degre | None | None |
| 29-2081 | Opticians, Dispensing | 290 | 346 | 56 | 19.31 | 12 | 13 | 6 | 31 | \$48,256 | HS diploma or Equivalent | None | Long-term OJT |
| 29-2091 | Orthotists and Prosthetists | * | * | * | * | * | * | * | * | \$59,609 | Master's degree | None | Internship/residency |
| 29-2092 | Hearing Aid Specialists | * | * | * | * | * | * | * | * | \$36,303 | HS diploma or Equivalent | None | Moderate-term OJT |
| 29-2099 | Health Technologists and Technicians, All Other | 563 | 622 | 59 | 10.48 | 16 | 24 | 6 | 46 | \$50,082 | Postsecondary non-degre | None | None |
| 29-9011 | Occupational Health and Safety Specialists | 548 | 608 | 60 | 10.95 | 13 | 19 | 6 | 38 | \$91,738 | Bachelor's degree | None | None |
| 29-9012 | Occupational Health and Safety Technicians | 85 | 95 | 10 | 11.76 | 2 | 3 | 1 | 6 | \$50,794 | HS diploma or Equivalent | None | Moderate-term OJT |
| 29-9091 | Athletic Trainers | 69 | 87 | 18 | 26.09 | 2 | 3 | 2 | 7 | \$58,751 | Bachelor's degree | None | None |
| 29-9092 | Genetic Counselors | 47 | 59 | 12 | 25.53 | 1 | 2 | 1 | 4 | \$82,043 | Master's degree | None | None |
| 29-9099 | Healthcare Practitioners and Technical Workers, All Other | 134 | 147 | 13 | 9.70 | 3 | 5 | 1 | 9 | \$86,575 | Postsecondary non-degre | None | None |
| 41-4011 | Sales Representatives, Wholesale and Manufacturing, Technical | 513 | 592 | 79 | 15.40 | 17 | 41 | 8 | 66 | \$83,541 | Bachelor's degree | None | Moderate-term OJT |
| 41-9031 | Sales Engineers | 538 | 692 | 154 | 28.62 | 14 | 53 | 15 | 82 | \$125,107 | Bachelor's degree | None | Moderate-term OJT |

Notes: District of Columbia Long-Term Industry and Occupational Projections, 2018 - 2028

DC STEM projections compiled by Dr. John N. Kangethe, Department of Employment Services, Office of Economic Research, Performance & Data Analytics

²Bureau of Labor Statistics, Occupational Employment Statistics (OES), May 2018 OES survey

³STEM occupations compiled from O*NET online: https://www.onetonline.org

^{*}Suppressed

N/A - not available